ASHRAE Northeastern Oklahoma Chapter

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The Oil Capital Air

Newsletter of the Northeastern Oklahoma Chapter of the American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.

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UPCOMING EVENTS

- ***August 15th*** — *Board of Governors Meeting at Joe's Crab Shack @ 4:30 PM*
- ***September 12th*** — *Golf Tournament at Whitehawk*
- ***September 19th*** — *Board of Governors Meeting at Joe's Crab Shack @ 4:30 PM*
- ***October 16th*** — *Chapter Meeting @* ***Ti Amo's***

  12:00pm *Lunch & Main Program*

New Beginnings

President's Message

By: Duane Harman

Duane Harman
2013-2014 Chapter President

The new ASHRAE year is quickly approaching. I am excited to serve as this year's President. After a lot of shuffling in the officer positions before the summer, everyone has finally settled in to start. Since every new President needs to have a goal or agenda for the year, it's time to share mine. My goal is to increase your involvement in ASHRAE. How do I do that you ask? Well, that's a good question. Believe it or not ASHRAE is here to serve you. I know we all get caught in the normal procedural activities of raising money for society, having the chapter meetings, or getting our PAOE points, etc. But really, society exists because of all the local chapters. Without strong local chapters, ASHRAE would not be a strong society. I want to place my focus on the local chapter and its members. I want you to be involved in the chapter meetings, the fund raising, and the other chapter activities. I want you to participate not because you feel obligated to do so, but because you recognize the need or value in what we do. I plan on reaching out to those that haven't been involved much over the last few years. So be prepared for the email or call. No pressure, I just want to see what we can do to serve you as a chapter and society to increase the likelihood that you will get more involved. Don't think I have drank the Kool-Aid or been brainwashed by society. Those of us that attend and participate actually do have fun and enjoy it. So come and see what it is all about. I look forward to seeing you!

We had our long range planning meeting in June. The chapter officers, the board of governors, and the chapter chairs met and started planning for this next year. Change is in motion for the monthly chapter meetings. We will continue to meet at Ti Amos, however, the day and time will change for most of the meetings. Chapter monthly meetings will primarily be at lunch time on the third Wednesday of each month. The only evening chapter meetings will be for the February auction night and the April scholarship night. These two evening meetings will be held on second Thursday of the month. The change was made in an effort to better serve our chapter members. Attendance trended higher last year for lunch meetings, and the third Wednesday of each month guarantees that we have the large meeting room at Ti Amos.

This year we will continue to place a focus on the chapter performance at the regional level and YEA activities. YEA was a big success for the chapter last year and will continue this year with the

MEETING LOCATION
TiAmo Ristorante Italiano
6024 S Sheridan Rd. Tulsa, OK

same momentum. ASHRAE has a new Grass Roots Government Activities Chair at the local chapter level. I expect it to have a similar positive impact. New initiatives such as this seem to bring new opportunities to the local chapter.

We started off the year with poker night last Thursday, August 1st at EEI/ABS. We had a great turnout and lots of fun. See more later in the newsletter. The golf tournament is September 12th. The golf outing will be held at the same place as last year, White Hawk Golf Club in Bixby. The golf tournament is the largest fund raiser for Research and Promotion. So plan ahead, sign-up, sponsor a hole or a flag and support ASHRAE! Remember, my challenge to you is to get involved and be active in the local chapter. ASHRAE is a volunteer organization, and our success depends on our members.

Duane Harman can be reached at 918-588-4008 or duane.harman@craftontull.com

Research Promotion

By: Mary Goins

We have much to look forward to in this new ASHRAE year. We have the best of the best engineers in NE Oklahoma to lead us through a successful year and make an impact on the research being done in our area.

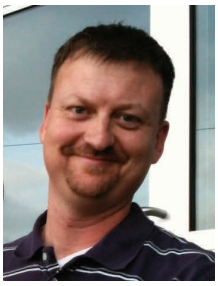
Paul Alexander, our regional Chair for Research told me, "It is a well-known fact at the Society level, that Region VIII leads all of ASHRAE in RP contributions. We can all be proud." Special thanks to the O'Connor Company for their very generous contribution to kick off our campaign this year.

ASHRAE Research impacts the industry by improving the way HVAC&R systems work, how they are applied and allow development of technical information to create standards and guidelines, which serve as the basis for testing and design practices around the world. Investments and contributions go directly to research. All funds raised through the research promotion efforts go directly to research projects. Funds raised from other sources pay for administrative and committee expenses and support material, and also help fund projects and grants-in-aid.

Our next fundraiser for research will be our annual golf tournament at White Hawk September 12th. Time to get the RP Sponsorship Forms submitted for the upcoming Tournament. There are 18 flag sponsorships, and unlimited sole sponsorships. Take care of yours NOW and get them turned in. Please submit the forms by August 16 to allow sufficient time for flags & hole signs to be made. (See entry form and sponsor form at the end of this newsletter.)

If you can donate your time contact me to serve on the RP Committee this year. We are also in need of door prizes.

Mary Goins can be reached at 918-259-3740 or mary@flowmaticsinc.com



2013 NEOK ASHRAE Chapter YEA Poker Tournament Results

By: Robert Schatz

Thank you to everyone that came out to support and participate in the 2013 NEOK Chapter YEA poker tournament held Thursday August 1st sponsored and hosted by ABS and EEI. EEI provided pizza for all the participants. A big thank you goes out to both companies for all their efforts. We had 24 participants that raised a record $780 for ASHRAE Research.

The evening started with 4 tables and the blinds were raised every thirty minutes to keep things moving. Soon we were down to 2 tables and then down to the final table. Andrew "knuckles" Sneed came into the final table as the chip leader but it was Chad "the goggles" Smith that lady luck smiled upon when it

$780 Raised!

Chad "The Goggles" Smith
2013 NEOK ASHRAE Poker Champion

was all over. Andrew ended up in second and Alan "Babyface" Price came in third. Thanks again to everyone that participated and made the evening an enjoyable one. If you didn't make it out this time be sure to watch for the next event .

Right: Andrew "Knuckles" Sneed raking them in...

Past Winners

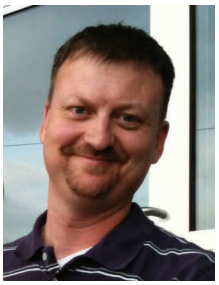
2013 – Chad Smith
2012 – no tournament
2011 – Alan Price
2010 - Tim Wilcox
2009 – no tournament
2008 – Steve Lackey
2007 – Chad Smith
2006 – Chuck Mayfield
2005 – Ray Gomez

Alan "Babyface" Price playing it cool...

The final table—This is where it gets serious...

Young Engineers in ASHRAE

Robert Schatz can be reached at 918-836-0271 or robert.schatz@leeandbrowne.com



ASHRAE Research local news

By: Robert Schatz

We are always excited to see ASHRAE research dollars come back to Oklahoma. ASHRAE Society recently released an article in which they announced that Lorenzo Cremaschi, Ph D., associate professor, School of Mechanical and Aerospace Engineering at Oklahoma State University received a $50,000 grant per year for two years.

"Our goal with the new grant is to encourage more out-of-the-box research to complement the research proposed and guided now by ASHRAE technical committees," T. Agami Reddi, chair of ASHRAE's Research Administration Committee, said. "We see it as providing seed money to encourage 'blue sky research' that may otherwise not be funded initially through other means."

Cremaschi's project, "Smart Nanolubricants for HVAC&R Systems," focuses on nanoparticles with purposely different conductivity, size and shape. The research will advance the understanding of the interactions of the nanoparticles with refrigerant and lubricant flow boiling at the nano- and micro-scale levels, for which no previous studies exist.

"This research opens a new frontier for nanotechnology applied to air conditioning and refrigeration systems," he said. "Driven by higher energy efficiency targets, there is critical need of major heat transfer enhancements in heat exchangers and nanolubricants, which are defined as nanoparticles suspended in high-viscosity suspensions, have the potential to address such need in a cost-neutral manner for both new and retrofitting residential air conditioning applications."

Robert Schatz can be reached at 918-836-0271 or robert.schatz@leeandbrowne.com

CTT — Call for Technology Award Submissions

By: Steve Uerling

If you have designed a project that is innovative in its approach to energy efficiency or IAQ, or has a creative approach to an unusual design challenge, you deserve to be recognized! ASHRAE's Technology Awards give you and your clients a chance to get recognition at the regional or national level. National winners are profiled in the ASHRAE Journal. If you have a project you are proud of, contact Steve Uerling for more information.

Chapter Technology Transfer

By: Steve Uerling

Please submit any ideas for speakers or presentation topics for next year to Steve Uerling. We look forward to another great year .

Steve Uerling can be reached at 918-836-0271 or steve.uerling@leeandbrowne.com

Find us on Facebook

YEA

By: Laura Finley & Kyle Bowling

It is almost time for the start of the ASHRAE year, which means the kickoff golf tournament! We will be having YEA teams again this year so if you would like to be placed on a team or would be willing to sponsor a team, please contact either myself or LeAnna.

We are very excited about the upcoming ASHRAE year, meeting new people, getting new members involved, and having great events! We look forward to building on the success of YEA last year and making this year even better! We appreciate all the corporate sponsors for making all of the YEA events and happy hours possible. If your company is interested in sponsoring YEA in any way, please let us know!

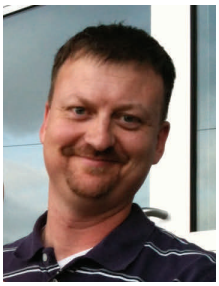
Laura Finley can be reached at (918) 584-0347 or laura.finley@craftontull.com
Kyle Bowling can be reached at (918) 825-7222 or kyleb@rae-corp.com

History

By: Gene Redford

It is another year and time keeps marching forward. I have been digitizing more of our chapters old photographs and will be sharing them throughout the year. Here are a few photos to review and see if you know or remember these members.

Gene Redford can be reached at (918) 270-1414 or Redford.g@mcintoshok.com



June 20th BOG Meeting Minutes

By: Robert Schatz

The NEOK Chapter Board of Governors (BOG) meeting was held on June 20st, 2013 at Joe's Crab Shack.

Attendees: Chad Smith, Robert Schatz, Duane Harman, Mary Goins, Ryan Shaw, Matt Petersen, Justin Stonehocker, Mike Kirk, Laura Finley, LeAnna Reynolds, Eric Norris, Dan Owens.

Chapter President Chad Smith called the meeting to order at 4:33 PM.

Minutes: May BOG meeting minutes were presented. Duane Harman made the motion to approve and Mike Kirk provided the second. Minutes were approved as submitted.

Treasurer: (Duane Harman) Reviewed May financials. Account is current. Duane has some items to organize and he will meet with Eric and Chad to transfer treasurer information and books. The financials were filed for audit.

Newsletter: (Robert Schatz) No July newsletter. August will be first newsletter for 2013-2014 year.

Research Promotion: (Mary Goins) Goal was $38,000, $43,213 is the final amount raised by the NEOK chapter in the 2012-2013 year for ASHRAE research.

CTT – Main Programs: (Steve Uerling) Steve asked for suggestions for programs next year.

Student Activities: (Matt Petersen) Matt reported that TU is a dormant chapter and new instructor is going to get chapter going again. Matt is working with them to get them active.

Website: (Justin Stonehocker) Justin updated information about options for website update. Chad asked Justin to summarize the costs associated with the two options and discuss next month.

Special Events: (Mary Goins & Mike Kirk) Golf tournament will be September 12th 2013. Mary will send out email update about golf tournament.

YEA: (LeAnna Reynolds and Laura Finley) Turn out for Drillers game was great. LeAnna noted that attendance improved when spouses were invited. The YEA committee leadership made a great effort this year in planning and executing activities.

New/old Business:

Old Business:

Dan Owens made a motion to change the name "CRC" account to "Investment/CRC/Training" account. Mike Kirk provided the second. Motion passed.

Duane Harman made a motion to fund the Tumilty scholarship fund with $7,500 from the investment account.

New Business:

The idea was presented for the chapter to rent a PO Box to receive statements/donations/mail. The cost would be $78/year. No decision was reached.

Long range planning meeting will be held next Thursday June 27th at Ti Amo's restaurant.

The meeting was adjourned at 5:46 pm.

Robert Schatz can be reached at 918-836-0271 or Robert.Schatz@leeandbrowne.com

2013 N.E.O. ASHRAE

September Meeting Golf & Picnic

ALL Proceeds To benefit: ASHRAE RESEARCH

Date: Thursday, September 12, 2013

Entry Fee: $110.00 per player at check-in
$90.00 if received on or before Friday August 30

Time: 11:00 am - Tournament check in starts.
12:00 pm to 12:45 pm - Putting contest.
1:00 pm - Golf shotgun start. Chargriller Picnic inside pavilion after tournament.

Place: White Hawk Golf Club
14515 South 49th East Avenue, Bixby, OK
(918) 366-4653 · whitehawk.americangolf.com

Format: Four person scramble with individuals making up their own teams. Single entrants will be accepted and assigned to a team by the tournament organizers. **Please turn in the average score of each entrant** so that team handicaps can be established for net prizes.

GOLFER'S NAME	COMPANY	HANDICAP/ AVERAGE

If rain occurs we will make every effort to reschedule tournament. Entry fees will be donated to ASHRAE Research if you don't attend.

TOTAL AMOUNT ENCLOSED_____

Entry forms can be faxed or e-mailed to: Mary Goins mary@flowmaticsinc.com

Payment must be made by cash or check payable to : NEOK ASHRAE
and mailed to:

Airtech
7636 E 46th pl
Tulsa, OK 74145

NEOK Chapter
ASHRAE RESEARCH
PROMOTION 2013-2014

Thursday
September 12th, 2013
White Hawk Golf Club
Flag / Hole Sponsorship

Sponsorship Form:

Flag Sponsorship $350 x ____ No. of holes = $ _____(or fill in amount $_____)
Hole Sponsorship $250 x ____ No. of holes = $ _____(or fill in amount $_____)

Company Name:_____

Contact Person: _____

Address: _____

Phone: _____Fax: _____

Each donor will be honored with a Hole sponsorship sign or Flag on the course.
NEOK chapter will retain the hole signs, donors retain the flag(s).
Your donation directly supports ASHRAE Research! We appreciate your support!

Mail checks to: Chad Smith
c/o Airtech.
7636 E. 46th Pl
Tulsa, OK 74145

Checks PAYABLE to: ASHRAE Research

*I can pick up any checks. Contact me at **(918) 259-3740** if you have questions**.** Or, you may **Fax** your completed forms to me at **(918) 259-3741**. We cannot post your hole sponsorship without a completed form. Your cooperation is appreciated!

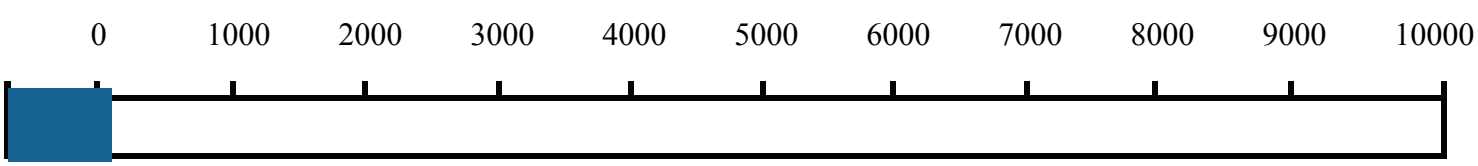
Please submit forms by Friday Aug. 16th, 2013

2013/2014 Programs

Date	Technical Session	Speaker	Main Program	Speaker	Theme and Special Guests
09/12/2013 Thursday	Golf Tournament at White Hawk Golf Course	Golf Tournament at White Hawk Golf Course	Golf Tournament at White Hawk Golf Course	Golf Tournament at White Hawk Golf Course	Golf Tournament at White Hawk Golf Course
10/16/2013 Wednesday	NONE—Lunch Meeting	NONE—Lunch Meeting	TBD	TBD	Membership Promotion; Refrigeration
11/20/2013 Wednesday	NONE—Lunch Meeting	NONE—Lunch Meeting	TBD	TBD	Research Promotion and Consulting Engineers
12/18/2013 Wednesday	NONE - Lunch Meeting	NONE - Lunch Meeting	TBD	TBD	Membership Promo-tion
01/15/2014 Wednesday	NONE - Lunch Meeting	NONE - Lunch Meeting	Panel Discussion	TBD	Panel Discussion
02/13/2014 Thursday	NONE	NONE	Research Auction	Research Auction	Research Auction
03/19/2014 Wednesday	NONE—Lunch Meeting	NONE—Lunch Meeting	TBD	TBD	YEA, Past Presi-dents, & Platinum Circle
04/10/2014 Thursday	TBD	TBD	TBD	TBD	Chapter Ballots due, and Scholarships
05/21/2014 Wednesday	NONE—Lunch Meeting	NONE—Lunch Meeting	TBD	TBD	Awards; Installation of Officers

PAOE Points

The new year begins!



The **Oil Capital Air**

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P.O. Box 54069
Tulsa, OK 74155-0069

Visit our website at
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Chapter Volunteers

Officers:		**Voice**	**Email**
President	Duane Harman	918-588-4008	Duane.Harman@craftontull.com
President-Elect	Robert Schatz	918-836-0271	robert.schatz@leeandbrowne.com
Treasurer	Eric Norris	918-348-6303	enorris@aaon.com
Secretary	LeAnna Reynolds	918-258-6890	LReynolds@fkiengineers.com

Board of Governors			
Chuck Mayfield		918-624-1005	cmayfield@eei-ok.com
Dave Lam		918-250-5590	David.Lam@omnimechanical.net
Mike Kirk		918-258-5618	william.m.kirk@jci.com
Rob Teis		918-382-6134	RobT@aaon.com
Dan Owens		918-270-1414	owens.d@mcintoshservices.com

Committee Chairs			
CRC Delegate	Mike Kirk	918-258-5618	william.m.kirk@jci.com
CRC Alternate	Chad Smith	918-665-6600	Chad@airetechcorp.com
Attendance	TBD	918-	
Directory	Justin Stonehocker	918-279-6450	jstonehocker@es2ok.com
Historian	Gene L. Redford	918-270-1414	redford.g@mcintoshok.com
Honors & Awards	Mike Beda	918-664-0312	mike@pecook.com
Invocations	Paul Roberts	918-960-1940	
Membership	Ryan Shaw	918-665-6600	ryan@airetechcorp.com
Newsletter	Robert Schatz	918-836-0271	robert.schatz@leeandbrowne.com
Programs (Main)	Steve Uerling	918-836-0271	steve.uerling@leeandbrowne.com
Programs (Tech)	Steve Uerling	918-836-0271	steve.uerling@leeandbrowne.com
Publicity	Justin Roush	918-258-6890	jroush@fkiengineers.com
Reception	Tim Sheehan	918-960-4006	tim@okmech.com
Refrigeration	Jacob Koch	918-836-0271	jacob.koch@leeandbrowne.com
Research Promotion	Mary Goins	918-259-3740	mary@flowmaticsinc.com
Special Events	Mary Goins	918-259-3740	mary@flowmaticsinc.com
Student Activities	Matt Petersen	918-665-6600	matt.petersen@airetechcorp.com
Sustainability	TBD	918-	
YEA	Laura Finley	918-588-4008	Laura.Finley@craftontull.com
	LeAnna Reynolds	918-258-6890	LReynolds@fkiengineers.com
Webmaster	Justin Stonehocker	918-279-6450	jstonehocker@es2ok.com

2013-2014 Calendar of Events

Important Dates	**Meeting**	**Location**
August 15, 2013	Board of Governors	Joe's Crab Shack
September 12, 2013	Chapter Golf Tourney	White Hawk Golf Club
September 19, 2013	Board of Governors	Joe's Crab Shack
October 16, 2013	Chapter	Ti Amo's Restaurant
October 17, 2013	Board of Governors	Joe's Crab Shack
November 20, 2013	Chapter	Ti Amo's Restaurant
November 21, 2013	Board of Governors	Joe's Crab Shack
December 18, 2013	Chapter	Ti Amo's Restaurant
December 19, 2013	Board of Governors	Joe's Crab Shack
January 15, 2014	Chapter	Ti Amo's Restaurant
January 16, 2014	Board of Governors	Joe's Crab Shack
February 13, 2014	Chapter	Ti Amo's Restaurant
February 20, 2014	Board of Governors	Joe's Crab Shack
March 19, 2014	Chapter	Ti Amo's Restaurant
March 20, 2014	Board of Governors	Joe's Crab Shack
April 10, 2014	Chapter	Ti Amo's Restaurant
April 17, 2014	Board of Governors	Joe's Crab Shack
April, 2014	CRC 2014	Littlerock, AR
May 21, 2014	Chapter	Ti Amo's Restaurant
May 22, 2014	Board of Governors	Joe's Crab Shack
June 19, 2014	Board of Governors	Joe's Crab Shack
July 17, 2014	Board of Governors	Joe's Crab Shack

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